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L6: Entry 1 of 1   File: USPT   Mar 30, 1999

US-PAT-NO: 5890138
DOCUMENT-IDENTIFIER: US 5890138 A

TITLE: Computer auction system

DATE-ISSUED: March 30, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Godin; Paul B.	Kettleby			CA
Lymburner; Jeffrey	Etobicoke			CA

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Bid.Com International Inc.	Mississauga			CA	03

APPL-NO: 08/ 703036   [PALM]
DATE FILED: August 26, 1996

INT-CL: [06] G06 F 17/60, G06 F 3/14, G06 F 7/38

US-CL-ISSUED: 705/26; 705/1, 705/27, 705/37
US-CL-CURRENT: 705/26; 705/1, 705/27, 705/37

FIELD-OF-SEARCH: 705/14, 705/26, 705/27, 705/37

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

Search Selected | Search ALL

	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
[ ]	3581072	May 1971	Nymeyer	705/37
[ ]	4789928	December 1988	Fujisaki	705/37
[ ]	5553145	September 1996	Micali	705/37
[ ]	5629982	May 1997	Micali	705/37
[ ]	5640569	June 1997	Miller et al.	705/37

FOREIGN PATENT DOCUMENTS

FOREIGN-PAT-NO	PUBN-DATE	COUNTRY	US-CL
WO 9634356	October 1996	WO	

Rockoff, T.E., Groves, M.; "Design of an Internet-based System for Remote Dutch Auctions", Internet Research, v 5, n 4, pp. 10-16, MCB University Press, Jan. 01, 1995.

ART-UNIT: 275

PRIMARY-EXAMINER: MacDonald; Allen R.

ASSISTANT-EXAMINER: Myhre; James W.

ABSTRACT:

An auction system is disclosed which allows users to participate using their own computers suitably connected to the auction system. Preferably, this connection uses INTERNET. The invention involves a method and system for providing rapid feedback of a reverse auction process and removes the user from the process once an indication to purchase has been received. Rapid feedback in combination with security of information is achieved with the method and auction system.

5 Claims, 12 Drawing figures

9/875 053

End of Result Set

L7: Entry 1 of 1   File: USPT   Mar 30, 1999

Class

DOCUMENT-IDENTIFIER: US 5890138 A
TITLE: Computer auction system

US Patent No. (1):
5890138

Brief Summary Text (4):
Auctions for sale of products have proven to be very popular and the success of the
systems involve two major features. Typically with auction systems, there is the
possibility to obtain the product at a very competitive price. In addition, there is
the excitement and skill of the buyer who participates in the auction process and
makes fast decisions whether to continue to participate or to recognize the price
has become too high. The auction process, traditionally, has been a relatively fast
process which changes quickly. The standard auction process involves users bidding
for a particular product, and the product is sold to the highest bidder.

Brief Summary Text (18):
The web server computer includes custom written application software for auctioning
any product identified in the database computer by displaying, during an auction,
the current price of the product, the quantity of the product remaining available
for purchase and the measure of the time remaining in the auction, decreasing the
current price during the auction, providing a user actuation control for indicating
instructions to purchase the product at a displayed current price, continually
updating the current price, the quantity of the product remaining available for
purchase, taking into account the product indicated as purchased and the time
remaining in the auction to provide dynamic feedback to each user and removing the
user from the auction upon receiving an instruction signal from the user and
thereafter obtaining identification and required financial authorization for the
purchase of the product.

Detailed Description Text (5):
Preferably, the system includes an appropriate computer terminal designated 24 for
interfacing with independent financial institutes which are connected on-line via
the serial connection 26 to the financial institute computers designated as 28. This
allows automatic real time confirmation of the purchase of auction products as will
be more fully explained. Basically, once a user has indicated that he wishes to
purchase a product, he is removed from the auction process and goes through an
identification or registration process as well as the exchange of financial
information to allow for credit or debit card payment of the purchase. This is then
confirmed and authorized by the appropriate institute designated in FIG. 1 as the
bank system 28. Confirmation of the purchase is made by the mail server 34 which
sends E-mail to the user confirming the purchase. It is also used to send updates of
upcoming information. The mail server 34 only allows mail to be sent out, and is not
capable of receiving mail. In this way, security of the various databases are
maintained. The database server 22 is also designed to interact with the input
computer designated as 32. A firewall 30 serves to prevent unauthorized access to
the database server or to the input computer.

Detailed Description Text (14):
The number of units left, the current price and the time left in the auction are
frequently updated and in the last few minutes of the auction are updated at five
second intervals. The number of units left are updated to clearly reflect the number
of purchases indicated during the process. The price is decreasing as the time
remaining in the auction decreases. The price decreases in a pre-determined manner.

The database server provides the number of units left, the current price and the time left to the web server computer. With this arrangement, the user is exposed to the dynamics of the auction process and must gauge the value of buying the product at that particular price versus delaying his decision to purchase and hope that the price will decrease assuming that there will still be products left to purchase. The auction continues until the number of units left to be sold is zero, or the time left in the auction expires. By decreasing the price, the demand for the product increases. The auction process will assume that there will be a certain fall-out rate in the actual purchase confirmation and there can be some overselling of the product. If a user decides to purchase, he merely clicks on the trigger 150 indicating his choice to buy the product at that particular price. Once this trigger is actuated, the user is removed from the auction process and he is asked to complete the screen shown in FIG. 11. If the user has pre-registered, he may merely enter his user I.D. and PIN number for security at 160. This is typically the first time the identity of the user is known. If he is not registered, he is forced to fill in the various fields shown below the user I.D. This purchase confirmation screen has a fixed time period to be completed and as stated, has a life span of two minutes. Confirmation that the user wishes to continue is indicated by pressing trigger 162 at the bottom of the screen, indicating that he wishes to proceed. Actuation of trigger 162 produces the screen shown in FIG. 12. Again, this screen has a life span of two minutes. Additional information has now been provided regarding the purchase of the product. The unit cost of the product, which was the current price when the user indicated that he wished to purchase it, is provided at 164. The freight cost has been determined based on the user's address, and is shown at 166. Various taxes are computed and displayed at 168 and 170 and the total price is shown at 172. The user then can either indicate that he wishes to proceed by actuating trigger 174 or if he wishes to cancel the process, indicated by trigger 176. If wishing to purchase, the user is then forced to provide credit card information indicated at lines 178 and 180. Once the user has indicated his desire to purchase the product, and has entered the information requested as shown in the screens in FIGS. 11 and 12, the data is stored in the database server in an encrypted form. The data being the user's name and address and E-mail address, as well as credit card information. This provides additional security to the user.

Detailed Description Text (22):
The system for the auction process responds to actuation of the trigger 150 to update the sales and to remove the user from the auction process. The additional information is gathered in a less demanding environment. The actual dynamic variables of the auction is current price, quantity remaining and time remaining are refreshed at a fast rate (typically between 5 and 10 seconds).
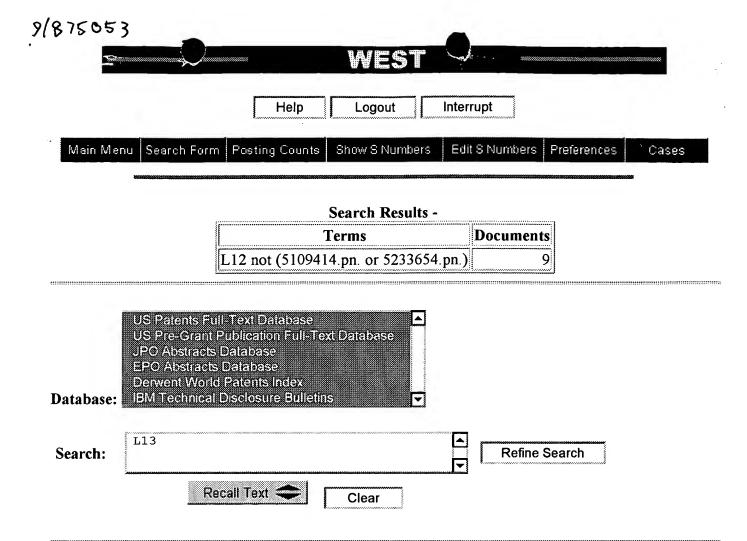
Detailed Description Text (24):
The present system is designed to allow many users to participate in the auction process and rapidly process and provide feedback of sales as they are indicated many times within the last minutes of the auction. This requires the capability to rapidly process information and provide rapid updates to all users. With this arrangement the dynamic nature of a conventional reverse auction where users are all present at the same location is provided without all users being physically present in one location.

CLAIMS:

4. A computer site for auctioning of product on-line comprising at least one web computer server designed for serving a host of computer browsers and provide said browsers with the capability to participate in various auctions where the auction is of a single product at a specified time with a specified number of the product available for sale, said web server cooperating with separate database computer separated from said web server by a firewall, said database computer being accessible to said at least one web computer server to allow retrieval of product information which includes

a) a product description,

b) the quality of the product to be auctioned,

c) a start price of the product, and

d) at least one product image,

said web server compu● including application softwar●or auctioning any product identified in the database computer by;

(i) displaying to each browser during an auction the current price of the product, the quantity of product remaining available for purchase, and a measure of the time remaining the auction,

(ii) decreasing the current price during the auction,

(iii) providing a user actuation control for indicating instructions to purchase the product at a displayed current price,

(iv) continually updating, to each browser remaining in the auction, the current price, the quantity of the product remaining available for purchase taking into account the product indicated as purchased, and the time remaining in the auction to provide dynamic feedback to each browser,

(v) removing a browser from the auction upon receiving an instruction signal from the browser to purchase the product at the displayed current price, decreasing the quantity of product remaining available for purchase, obtaining identification information and financial authorization for automated payment for the purchased product and effecting the payment,

(vi) increasing the remaining quantity if a time limit for obtaining the identification information or authorization is exceeded, and

(vii) upon receipt of said identification information and authorization, confirming the purchase of the product at the current price to the user by sending a message confirming the purchase to the user.

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Help	Logout	Interrupt

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Search Results -

Terms	Documents
L12 not (5109414.pn. or 5233654.pn.)	9

Database:

US Patents Full-Text Database
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Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search: L13

Refine Search

Recall Text   Clear

Search History

DATE: Sunday, April 06, 2003   Printable Copy   Create Case

Set Name Query	Hit Count	Set Name
side by side		result set

DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=OR

L13	L12 not (5109414.pn. or 5233654.pn.)	9	L13
L12	L11 and updat$	11	L12
L11	L10 and (transmit$ with (executable adj (code or data or information)))	11	L11
L10	pric$ and ((chang$ or updat$ or correct$ or variabl$) with (amount or cost$ or charg$ or data)) and @pd<=20010607	22589	L10

DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR

L9	L6 and ((chang$ or updat$ or correct$ or variabl$) with (amount or cost$ or charg$ or data))	0	L9
L8	L6 and ((chang$ or updat$ or correct$ or variabl$) with data)	0	L8
L7	L6 and (updat$ or correct$ or chang$)	1	L7
L6	5890138.pn.	1	L6

DB=USPT,PGPB; THES=ASSIGNEE; PLUR=YES; OP=OR

L5	L4 and (fix$ or unchang$)	1	L5

DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR

L4	6012045.pn.	1	L4

DB=USPT,PGPB; THES=ASSIGNEE; PLUR=YES; OP=OR

L3	L2 and (fix$ or unchang$)	11	L3
L2	L1 and @ad<=19990329	17	L2
L1	barzilai$ and (auction$ or bid$)	25	L1

END OF SEARCH HISTORY

L13: Entry 1 of 9   File: USPT   Mar 27, 2001

US-PAT-NO: 6206829
DOCUMENT-IDENTIFIER: US 6206829 B1

TITLE: Computerized medical diagnostic and treatment advice system including network access

DATE-ISSUED: March 27, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Iliff; Edwin C.	La Jolla	CA		

US-CL-CURRENT: 600/300; 600/301

ABSTRACT:

A system and method for providing computerized, knowledge-based medical diagnostic
and treatment advice. The medical advice is provided to the general public over
networks, such as a telephone network or a computer network. The invention also
includes a stand-alone embodiment that may utilize occasional connectivity to a
central computer by use of a network, such as the Internet. Two new authoring
languages, interactive voice response and speech recognition are used to enable
expert and general practitioner knowledge to be encoded for access by the public.
"Meta" functions for time-density analysis of a number of factors regarding the
number of medical complaints per unit of time are an integral part of the system. A
re-enter feature monitors the user's changing condition over time. A symptom
severity analysis helps to respond to the changing conditions. System sensitivity
factors may be changed at a global level or other levels to adjust the system advice
as necessary.

13 Claims, 52 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 49

L13: Entry 2 of 9   File: USPT   May 23, 2000

US-PAT-NO: 6067582
DOCUMENT-IDENTIFIER: US 6067582 A

TITLE: System for installing information related to a software application to a remote computer over a network

DATE-ISSUED: May 23, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Smith; Benjamin Hewitt	Belmont	MA		
Smith; Fred Hewitt	Belmont	MA		

US-CL-CURRENT: 710/5; 709/203, 717/177

ABSTRACT:

A system and method is disclosed for distributing, registering and purchasing software application and other digital information over a network. Each software application is embedded with an agent module which communicates with a remote server module in a server attached to the network. The server module interacts with the user that is requesting installation of the software application and upon verification of billing or other constraints, the server module enables the agent module to proceed with installation. Subsequent to installation, the agent module monitors the server module and informs the user if an update to the software application is available.

24 Claims, 4 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 5

A

L13: Entry 3 of 9   File: USPT   May 16, 2000

US-PAT-NO: 6065046
DOCUMENT-IDENTIFIER: US 6065046 A

TITLE: Computerized system and associated method of optimally controlled storage and transfer of computer programs on a computer network

DATE-ISSUED: May 16, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Feinberg; Michael A.	Ghent	NY		
Feinberg; Matthew A.	Ghent	NY		

US-CL-CURRENT: 709/216; 709/218

ABSTRACT:

A computerized system and an associated method for optimally controlling storage and transfer of computer programs between computers on a network to facilitate interactive program usage. In accordance with the method, an applications program is stored in a nonvolatile memory of a first computer as a plurality of individual and independent machine-executable code modules. In response to a request from a second computer transmitted over a network link, the first computer retrieves a selected one of the machine-executable code modules and only that selected code module from the memory and transmits the selected code module over the network link to the second computer.

36 Claims, 29 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 29

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L13: Entry 4 of 9   File: USPT   Feb 8, 2000

US-PAT-NO: 6022315
DOCUMENT-IDENTIFIER: US 6022315 A

TITLE: Computerized medical diagnostic and treatment advice system including network access

DATE-ISSUED: February 8, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Iliff; Edwin C.	La Jolla	CA		

US-CL-CURRENT: 600/300; 128/920

ABSTRACT:

A system and method for providing computerized, knowledge-based medical diagnostic and treatment advice. The medical advice is provided to the general public over networks, such as a telephone network or a computer network. The invention also includes a stand-alone embodiment that may utilize occasional connectivity to a central computer by use of a network, such as the Internet. Two new authoring languages, interactive voice response and speech recognition are used to enable expert and general practitioner knowledge to be encoded for access by the public. "Meta" functions for time-density analysis of a number of factors regarding the number of medical complaints per unit of time are an integral part of the system. A re-enter feature monitors the user's changing condition over time. A symptom severity analysis helps to respond to the changing conditions. System sensitivity factors may be changed at a global level or other levels to adjust the system advice as necessary.

39 Claims, 52 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 49

L13: Entry 5 of 9   File: USPT   Dec 21, 1999

US-PAT-NO: 6005945
DOCUMENT-IDENTIFIER: US 6005945 A

TITLE: System and method for dispensing postage based on telephonic or web milli-transactions

DATE-ISSUED: December 21, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Whitehouse; Harry T.	Portola Valley	CA		

US-CL-CURRENT: 380/51

ABSTRACT:

A system for electronic distribution of postage includes at least one secure central computer for generating postal indicia in response to postage requests submitted by end user computers, and at least one postal authority computer system for processing the postal indicia on mail pieces. A key aspect of the system is that all secure processing required for generating postal indicia is performed at secure central computers, not at end user computers, thereby removing the need for specialized secure computational equipment at end user sites. A secure central computer includes a database of information concerning user accounts of users authorized to request postal indicia from the secure central computer. A request validation procedure authenticates received postage requests with respect to the user account information in the database. A postal indicia creation procedure, applies a secret encryption key to information in each authenticated postage request so as to generate a digital signature and combines the information in each authenticated postage request with the corresponding generated digital signature so as to generate a digital postage indicium in accordance with a predefined postage indicium data format. A communication procedure securely transmits the generated digital postage indicium to the requesting end user computer. Each end user computer typically includes a communication procedure for sending postage requests to a secure central computer at which a user account has been established, and for receiving a corresponding digital postage indicium. A postage indicium printing procedure prints a postage indicium in accordance with the received digital postage indicium.

12 Claims, 9 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 8

US-PAT-NO: 5887243
DOCUMENT-IDENTIFIER: US 5887243 A

TITLE: Signal processing apparatus and methods

DATE-ISSUED: March 23, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Harvey; John Christopher	New York	NY		
Cuddihy; James William	New York	NY		

US-CL-CURRENT: 725/136; 725/122, 725/135, 725/139, 725/142, 725/37

ABSTRACT:

A unified system of programing communication. The system encompasses the prior art
(television, radio, broadcast hardcopy, computer communications, etc.) and new user
specific mass media. Within the unified system, parallel processing computer
systems, each having an input (e.g., 77) controlling a plurality of computers (e.g.,
205), generate and output user information at receiver stations. Under broadcast
control, local computers (73, 205), combine user information selectively into prior
art communications to exhibit personalized mass media programming at video monitors
(202), speakers (263), printers (221), etc. At intermediate transmission stations
(e.g., cable television stations), signals in network broadcasts and from local
inputs (74, 77, 97, 98) cause control processors (71) and computers (73) to
selectively automate connection and operation of receivers (53), recorder/players
(76), computers (73), generators (82), strippers (81), etc. At receiver stations,
signals in received transmissions and from local inputs (225, 218, 22) cause control
processors (200) and computers (205) to automate connection and operation of
converters (201), tuners (215), decryptors (224), recorder/players (217), computers
(205), furnaces (206), etc. Processors (71, 200) meter and monitor availability and
usage of programming.

45 Claims, 30 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 22

L13: Entry 7 of 9   File: USPT   Mar 31, 1998

US-PAT-NO: 5734589
DOCUMENT-IDENTIFIER: US 5734589 A

TITLE: Digital entertainment terminal with channel mapping

DATE-ISSUED: March 31, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kostreski; Bruce	Wheaton	MD		
Hudson, Jr.; Henry G.	Annapolis	MD		
Davis; Nick	Warrenton	VA		

US-CL-CURRENT: 345/716; 725/117, 725/126, 725/132

ABSTRACT:

Dynamic programming of a digital entertainment terminal (DET) facilitates operation
of the terminal to offer a variety of functionally different broadband services. The
terminal includes a network interface module which couples the terminal to a
specific type of communication network for receiving a digital broadband channel.
The DET downloads on a narrowband signaling channel a VIP program map that
identifies the available video information service providers (VIPs) on the basis of
the location of their corresponding software control signals. The software control
signals are transmitted cyclically to enable access by a random DET at any time. A
program memory captures the VIP program map and at least a portion of the software
control signals received over the digital broadband channel as software executable
by the control processor during turn-on of the DET. When a user presses a GUIDE
button on a remote control/service, the DET displays the available information
service providers in accordance with the VIP program map, thereby enabling the user
to conveniently access the broadband services offered by the selected information
service provider.

62 Claims, 5 Drawing figures
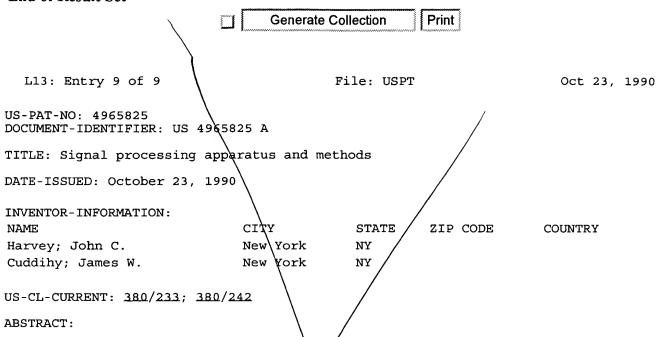Exemplary Claim Number: 1
Number of Drawing Sheets: 5

L13: Entry 8 of 9   File: USPT   Aug 2, 1994

US-PAT-NO: 5335277
DOCUMENT-IDENTIFIER: US 5335277 A

TITLE: Signal processing appparatus and methods

DATE-ISSUED: August 2, 1994

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Harvey; John C.	New York	NY		
Cuddihy; James W.	New York	NY		

US-CL-CURRENT: 380/242; 380/240, 705/51, 725/136, 725/138, 725/140, 725/141

ABSTRACT:

A unified system of programing communication. The system encompasses the prior art (television, radio, broadcast hardcopy computer communications, etc.) and new user specific mass media. Within the unified system, parallel processing computer systems, each having an input (e.g., 77) controlling a plurality of computers (e.g., 205), generate and output user information at receiver stations. Under broadcast control, local computers (73, 205), combine user information selectively into prior art communications to exhibit personalized mass media programming at video monitors (202), speakers (263), printers (221), etc. At intermediate transmission stations (e.g., cable television stations), signals in network broadcasts and from local inputs (74, 77, 97, 98) cause control processors (71) and computers (73) to selectively automate connection and operation of receivers (53), recorder/players (76), computers (73), generators (82), strippers (81), etc. At receiver stations, signals in received transmissions and from local inputs (225, 218, 22) cause control processors (200) and computers (205) to automate connection and operation of converters (201), tuners (215), decryptors (224), recorder/players (217), computers (205), furnaces (206), etc. Processors (71, 200) meter and monitor availability and usage of programming.

56 Claims, 30 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 22

L13: Entry 9 of 9   File: USPT   Oct 23, 1990

US-PAT-NO: 4965825
DOCUMENT-IDENTIFIER: US 4965825 A

TITLE: Signal processing apparatus and methods

DATE-ISSUED: October 23, 1990

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Harvey; John C.	New York	NY		
Cuddihy; James W.	New York	NY		

US-CL-CURRENT: 380/233; 380/242

ABSTRACT:

A unified system of programming communication for use on individual computer systems
with capacity for generating relevant user specific information simultaneously at
each station of a plurality of subscriber stations. The system includes a
transmission station which is a central control system of a system of receiver
station computers controlled by the station transmission. Each individual computer
system is self-structuring in that any given transmission station can transmit
control information causing selected apparatus at selected receiver stations to
combine the computers at those stations based on the transmission of the station,
thereby causing the individual computers to come under control of station. The
unified system also includes apparatus for combining the user specific information
generated at subscriber station into broadcast programming, so that broadcast
programming is displayed at every station with user specific information displayed
in the broadcast programming. The unified system includes apparatus for restricting
the combined programming so that it is available only at selected stations tuned to
a given transmission station's transmission. The unified system includes apparatus
for documenting the use of the control signals and/or programming at said selected
stations and for monitoring the availability and use, of programming.

25 Claims, 30 Drawing figures
Exemplary Claim Number: 20
Number of Drawing Sheets: 21

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L14: Entry 1 of 2   File: USPT   Apr 30, 2002

US-PAT-NO: 6381741
DOCUMENT-IDENTIFIER: US 6381741 B1

TITLE: Secure data downloading, recovery and upgrading

DATE-ISSUED: April 30, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Shaw; Robert	Los Altos	CA		

US-CL-CURRENT: 717/168; 713/2, 717/171

ABSTRACT:

The invention provides an improved method and system for secure down-loading,
recovery, and upgrading of data. A client device receives information from a server
device using a reliable software modules stored in permanent memory in the client
device. The reliable software modules perform software and data integrity tests, and
locate and retrieve data for recovery or upgrade of the client device. The client
device confirms the trustworthiness of the received information device by comparing
digital signatures or digests for the information it receives with known digital
certificates in the reliable software module.

17 Claims, 3 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 3

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US-PAT-NO: 6073136
DOCUMENT-IDENTIFIER: US 6073136 A

TITLE: Mobile computer with minimized function display and maximized content display

DATE-ISSUED: June 6, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bertram; Randal Lee	Raleigh	NC		
Champion; David Frederick	Durham	NC		

US-CL-CURRENT: 707/104.1; 345/784, 345/804, 715/513

ABSTRACT:

A display generating or computer system, and particularly a mobile client system, in which a markup language browser application program is provided which minimizes the display area occupied by the navigational tools of the browser, in order to maximize the informational display area related to a user's task at hand. The browser application is simplified in order to accommodate ease in learning to use the browser.

33 Claims, 9 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 9

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L15: Entry 1 of 2   File: JPAB   Jan 23, 1998

PUB-NO: JP410021472A
DOCUMENT-IDENTIFIER: JP 10021472 A
TITLE: SALES DATA REGISTER DEVICE

PUBN-DATE: January 23, 1998

INVENTOR-INFORMATION:
NAME   COUNTRY
ONO, TETSUO
SOTOIKE, MAKOTO

ASSIGNEE-INFORMATION:
NAME   COUNTRY
TERAOKA SEIKO CO LTD

APPL-NO: JP08170461
APPL-DATE: June 28, 1996

INT-CL (IPC): G07 G 1/12; G01 G 19/414; G01 G 23/36; G07 G 1/14

ABSTRACT:

PROBLEM TO BE SOLVED: To permit a clerk to easily grasp a commodity registration
situation by providing display means for displaying registration information of
respective segments during registration at present for plural sales data register
devices.

SOLUTION: A master machine 40 and slave machines 42-1 to 42-N are respectively
installed in a show case with commodities. All the groups of clerk codes and sales
are transmitted to the slave machine parts 40-0 of the master machine 40 and all the
slave machines 42-1 to 42-N. Namely, data is displayed on touch panels being the
display means of the slave machine parts 40-0 and the slave machines 42-1 to 42-N
when a prescribed time has elapsed or when a new commodity registration processing
is executed, and the respective sales are updated to the latest sales. Thus,
registered data which is misoperated can be corrected and the clerk can easily grasp
the commodity registration situation.

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L15: Entry 2 of 2   File: DWPI   Jan 23, 1998

DERWENT-ACC-NO: 1998-150590
DERWENT-WEEK: 200017
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TITLE: Selling data registration apparatus for stores - has set of display unit
provided in each sub-registration unit which performs display of current
registration data to customer

PATENT-ASSIGNEE:
ASSIGNEE   CODE
TERAOKA SEIKO CO LTD   TERA

PRIORITY-DATA: 1996JP-0170461 (June 28, 1996)

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ABSTRACTED-PUB-NO: JP 10021472A
BASIC-ABSTRACT:

The apparatus has a set of sub-registration units (2), which performs goods selling
data registration operation, corresponding to each customer. The sub-registration
units are connected to a main registration unit through a communication circuit.

The total selling data registration process is carried out by the main registration
unit. The current registration information corresponding to each section of goods is
displayed by a display unit (10) provided in each sub-registration unit.

ADVANTAGE - Enables to grasp registration data, easily. Facilitates to verify
mis-operation corresponding to each registration goods.

CHOSEN-DRAWING: Dwg.1/8

TITLE-TERMS: SELL DATA REGISTER APPARATUS STORAGE SET DISPLAY UNIT SUB REGISTER UNIT
PERFORMANCE DISPLAY CURRENT REGISTER DATA CUSTOMER

DERWENT-CLASS: S02 T05

EPI-CODES: S02-D02X; S02-D03; T05-L01X;

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